

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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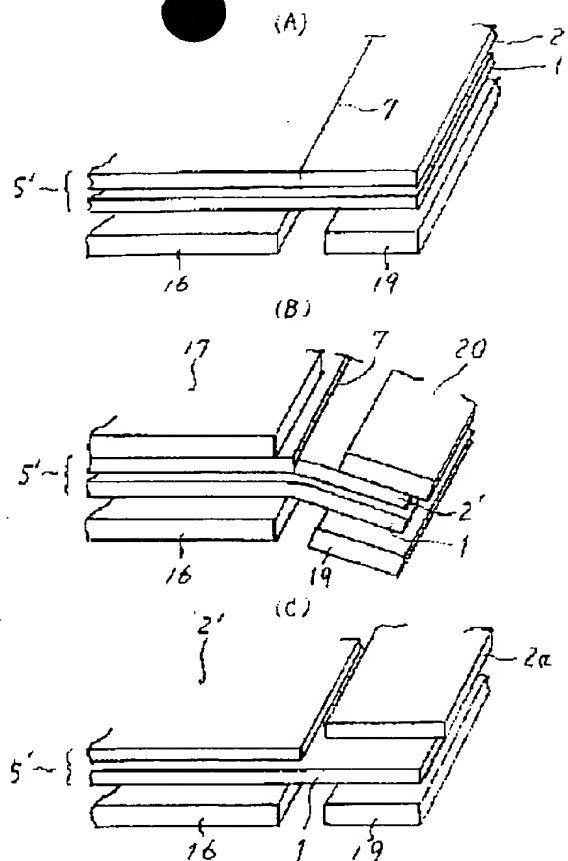
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APPLICANT : FUJITSU LTD;

INVENTOR : FURUKAWA KUNIAKI;

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TITLE : MANUFACTURE OF LIQUID CRYSTAL  
DISPLAY PANEL



ABSTRACT : PURPOSE: To prevent a drop in yield and reliability due to a cutting process, regarding the manufacture of a liquid crystal display panel, particularly a cutting method for a glass substrate.

CONSTITUTION: A pair of glass substrates 1 and 2' are jointed to each other with an annular seal member, and a gap between the glass substrates 1 and 2' enclosed with the seal member is filled with liquid crystal. Then, one substrate 2' is cut along a line outside the seal member. In this case, constitution is so made that a scribe line 7 is formed on the external surface of the substrate 2' and the pair of the substrates 1 and 2' are held with the first clamp at a position inside the line 7. The second clamp holds the substrates 1 and 2' at a position outside the line 7. Furthermore, constitution is so made that one of the first and second clamps is caused to turn about an axial line parallel to the line 7 and in a direction to generate tensile stress on the external surface of the substrate 2 having the line 7, thereby causing the substrate 2' to be broken along the line 7.

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